NAME OF WORK :-	Maintanance and repairs of UGD and desilting of drains in siltand tractor in wardno 12 Shettyhalli Shettyhalli Sub Division
JOB CODE :-	012-20-000122
WORK ORDER No :-	EE/DD/W.O/84/2021-22 Date 04.02.2022
AS No :-	EE/DD/AS/06/2021-22, Dt.05.05.2021
TS No :-	SE/DZ/TS/Ten/06/2021-22, Dt 05.07.2021
ESTIMATE COST :-	60.00 Lakhs
DATE OF MEASURENENTS :-	

Sl No	Description	Unit	No	Measurements		Depth	Qty
				Length	Avg Width (W1+W2)/2		
1	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the direction of Engineer in-charge of the work						
	Replacing UGD at AGB Layout	**Cum**					
	11th Main road						
	CH 0.00 to 30.00m		1	30.00	1.00	1.90	57.00
	Ch 30.00 to 60.00m		1	30.00	1.00	1.90	57.00
	Ch 60.00 to 90.00m		1	30.00	1.00	1.90	57.00
	Ch 90.00 to 105.00m		1	15.00	1.00	1.90	28.50
	11th D Main road						
	CH 0.00 to 30.00m		1	30.00	1.00	1.90	57.00
	Ch 30.00 to 60.00m		1	30.00	1.00	1.90	57.00
	Ch 60.00 to 78.00m		1	18.00	1.00	1.90	34.20
	11th C Main road						
	CH 0.00 to 30.00m		1	30.00	1.00	1.90	57.00
	Ch 30.00 to 60.00m		1	30.00	1.00	1.90	57.00
	Ch 60.00 to 90.00m		1	30.00	1.00	1.90	57.00
	Ch 90.00 to 108.00m		1	18.00	1.00	1.90	34.20
	4th Cross road						
	CH 0.00 to 30.00m		1	30.00	1.00	1.90	57.00
	Ch 30.00 to 60.00m		1	30.00	1.00	1.90	57.00
	Ch 60.00 to 90.00m		1	30.00	1.00	1.90	57.00
	Ch 90.00 to 120.00m		1	30.00	1.00	1.90	57.00
	Ch 120.00 to 125.00m		1	5.00	1.00	1.90	9.50
	Sri Shakthi Bhavana to Mahaveer Apartment						
	CH 0.00 to 30.00m		1	30.00	1.00	1.90	57.00
	Ch 30.00 to 60.00m		1	30.00	1.00	1.90	57.00
	Ch 60.00 to 90.00m		1	30.00	1.00	1.90	57.00
	Ch 90.00 to 120.00m		1	30.00	1.00	1.90	57.00
	Ch 120.00 to 150.00m		1	30.00	1.00	1.90	57.00
	Ch 150.00 to 180.00m		1	30.00	1.00	1.90	57.00
	Ch 180.00 to 188.0m		1	8.00	1.00	1.90	15.20
	Replacing Damaged Lines						
	11th Main road						
	CH 0.00 to 25.00m		1	25.00	1.00	1.80	45.00
	Ch 25.00 to 58.00m		1	28.00	1.00	1.80	50.40
	Ch 58.00 to 83.00m		1	30.00	1.00	1.80	54.00
	Ch 83.00 to 98.00m		1	15.00	1.00	1.80	27.00
	11th D Main road						
	CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00

Ch 30.00 to 55.00m		1	25.00	1.00	1.80	45.00
Ch 55.00 to 83.00m		1	28.00	1.00	1.80	50.40
11th C Main road						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 58.00m		1	28.00	1.00	1.80	50.40
Ch 58.00 to 88.00m		1	30.00	1.00	1.80	54.00
Ch 88.00 to 106.00m		1	18.00	1.00	1.80	32.40
4th Cross road						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 57.00m		1	27.00	1.00	1.80	48.60
Ch 57.00 to 87.00m		1	30.00	1.00	1.80	54.00
Ch 87.00 to 117.00m		1	30.00	1.00	1.80	54.00
Ch 117.00 to 125.00m		1	8.00	1.00	1.80	14.40
Sri Shakthi Bhavana to Mahaveer						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.80	54.00
Ch 60.00 to 68.00m		1	8.00	1.00	1.80	14.40
Repairs of Man holes						
11th Main road		3	0.79	2.25	2.00	10.67
11th D Main road		2	0.79	2.25	2.00	7.11
11th C Main road		2	0.79	2.25	2.00	7.11
4th Cross road		3	0.79	2.25	2.00	10.67
8th mian road AGB Layout		5	0.79	2.25	2.00	17.78
Abbigere village main road infront of Ravi		4	0.79	2.25	2.00	14.22
Anjaneya swamy temple Abbigere village		4	0.79	2.25	2.00	14.22
Abbigere Village Near Govt.School		4	0.79	2.25	2.00	14.22
Pipeline road near Lakshmi Temple		5	0.79	2.25	2.00	17.78
Abbigere village Honi road		3	0.79	2.25	2.00	10.67
Kempegowda Garden		4	0.79	2.25	2.00	14.22
Shastri road Abbigere Village		3	0.79	2.25	2.00	10.67
Thimmaiah Garden		4	0.79	2.25	2.00	14.22
	Cum		Total Work Done Quantity			2175.13
			Quantity Limited to			2084.42

21/7/22 TO 24/7/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

2	Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications and as per the direction of Engineer in-charge of the work					
11th Main road	Mtrs					
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 90.00m		1	30.00			30.00
Ch 90.00 to 105.00m		1	15.00			15.00
11th D Main road						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 78.00m		1	18.00			18.00
11th C Main road						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 90.00m		1	30.00			30.00
Ch 90.00 to 108.00m		1	18.00			18.00
4th Cross road						

CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 90.00m		1	30.00			30.00
Ch 90.00 to 120.00m		1	30.00			30.00
Ch 120.00 to 125.00m		1	5.00			5.00
Sri Shakthi Bhavana to Mahaveer Apartment						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 90.00m		1	30.00			30.00
Ch 90.00 to 120.00m		1	30.00			30.00
Ch 120.00 to 150.00m		1	30.00			30.00
Ch 150.00 to 180.00m		1	30.00			30.00
Ch 180.00 to 188.0m		1	8.00			8.00
Replacing Damaged Lines						
11th Main road						
CH 0.00 to 25.00m		1	25.00			25.00
Ch 25.00 to 58.00m		1	28.00			28.00
Ch 58.00 to 83.00m		1	30.00			30.00
Ch 83.00 to 98.00m		1	15.00			15.00
11th D Main road						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 55.00m		1	25.00			25.00
Ch 55.00 to 83.00m		1	28.00			28.00
11th C Main road						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 58.00m		1	28.00			28.00
Ch 58.00 to 88.00m		1	30.00			30.00
Ch 88.00 to 106.00m		1	18.00			18.00
4th Cross road						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 57.00m		1	27.00			27.00
Ch 57.00 to 87.00m		1	30.00			30.00
Ch 87.00 to 117.00m		1	30.00			30.00
Ch 117.00 to 125.00m		1	8.00			8.00
Sri Shakthi Bhavana to Mahaveer						
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 68.00m		1	8.00			8.00
			Total Work Done Quantity			**1084.00**
			Quantity Limited to			**1028.00**

3	Providing and laying in position plain cement concrete M7.5 40mm and down size graded granite metal, machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, for 200mm internal diameter stoneware pipes including cost of materials, labour charges, HOM of machinery, curing complete as per the direction of Engineer in-charge of the work					
11th Main road	**Mtrs**					
CH 0.00 to 30.00m		1	30.00			30.00
Ch 30.00 to 60.00m		1	30.00			30.00
Ch 60.00 to 90.00m		1	30.00			30.00
Ch 90.00 to 105.00m		1	15.00			15.00
11th D Main road						
CH 0.00 to 30.00m		1	30.00			30.00

Ch 30.00 to 60.00m		1	30.00		30.00
Ch 60.00 to 78.00m		1	18.00		18.00
11th C Main road					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 60.00m		1	30.00		30.00
Ch 60.00 to 90.00m		1	30.00		30.00
Ch 90.00 to 108.00m		1	18.00		18.00
4th Cross road					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 60.00m		1	30.00		30.00
Ch 60.00 to 90.00m		1	30.00		30.00
Ch 90.00 to 120.00m		1	30.00		30.00
Ch 120.00 to 125.00m		1	5.00		5.00
Sri Shakthi Bhavana to Mahaveer Apartment					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 60.00m		1	30.00		30.00
Ch 60.00 to 90.00m		1	30.00		30.00
Ch 90.00 to 120.00m		1	30.00		30.00
Ch 120.00 to 150.00m		1	30.00		30.00
Ch 150.00 to 180.00m		1	30.00		30.00
Ch 180.00 to 188.0m		1	8.00		8.00
Replacing Damaged Lines					
11th Main road					
CH 0.00 to 25.00m		1	25.00		25.00
Ch 25.00 to 58.00m		1	28.00		28.00
Ch 58.00 to 83.00m		1	30.00		30.00
Ch 83.00 to 98.00m		1	15.00		15.00
11th D Main road					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 55.00m		1	25.00		25.00
Ch 55.00 to 83.00m		1	28.00		28.00
11th C Main road					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 58.00m		1	28.00		28.00
Ch 58.00 to 88.00m		1	30.00		30.00
Ch 88.00 to 106.00m		1	18.00		18.00
4th Cross road					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 57.00m		1	27.00		27.00
Ch 57.00 to 87.00m		1	30.00		30.00
Ch 87.00 to 117.00m		1	30.00		30.00
Ch 117.00 to 125.00m		1	8.00		8.00
Sri Shakthi Bhavana to Mahaveer					
CH 0.00 to 30.00m		1	30.00		30.00
Ch 30.00 to 60.00m		1	30.00		30.00
Ch 60.00 to 68.00m		1	8.00		8.00
		Total Work Done Quantity			**1084.00**
		Quantity Limited to			**1028.00**

CQ & HC EE 06/7/23

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

4	Constructing brick masonry circular type manhole 1.67 m internal dia at bottom, 0.91m deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS :12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately)complete as per the direction of Engineer in-charge of the work						
11th Main road		Nos	2				2.00
11th D Main road			1				1.00
11th C Main road			3				3.00
4th Cross road			2				2.00
Sri Shakthi Bhavana to Mahaveer Apartment			3				3.00
						Total Work Done Quantity	**11.00**
						Quantity Limited to	**10.00**

5	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each consolidated layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directed by engineer incharge of the work						
11th Main road							
CH 0.00 to 30.00m		1	30.00	1.00	1.90		57.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.90		57.00
Ch 60.00 to 90.00m		1	30.00	1.00	1.90		57.00
Ch 90.00 to 105.00m		1	15.00	1.00	1.90		28.50
11th D Main road							
CH 0.00 to 30.00m		1	30.00	1.00	1.90		57.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.90		57.00
Ch 60.00 to 78.00m		1	18.00	1.00	1.90		34.20
11th C Main road							
CH 0.00 to 30.00m		1	30.00	1.00	1.90		57.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.90		57.00
Ch 60.00 to 90.00m		1	30.00	1.00	1.90		57.00
Ch 90.00 to 108.00m		1	18.00	1.00	1.90		34.20
4th Cross road							
CH 0.00 to 30.00m		1	30.00	1.00	1.90		57.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.90		57.00
Ch 60.00 to 90.00m		1	30.00	1.00	1.90		57.00
Ch 90.00 to 120.00m		1	30.00	1.00	1.90		57.00
Ch 120.00 to 125.00m		1	5.00	1.00	1.90		9.50
Sri Shakthi Bhavana to Mahaveer Apartment							
CH 0.00 to 30.00m		1	30.00	1.00	1.90		57.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.90		57.00
Ch 60.00 to 90.00m		1	30.00	1.00	1.90		57.00
Ch 90.00 to 120.00m		1	30.00	1.00	1.90		57.00
Ch 120.00 to 150.00m		1	30.00	1.00	1.90		57.00
Ch 150.00 to 180.00m		1	30.00	1.00	1.90		57.00
Ch 180.00 to 188.0m		1	8.00	1.00	1.90		15.20
Replacing Damaged Lines							

11th Main road						
CH 0.00 to 25.00m		1	25.00	1.00	1.80	45.00
Ch 25.00 to 58.00m		1	28.00	1.00	1.80	50.40
Ch 58.00 to 83.00m		1	30.00	1.00	1.80	54.00
Ch 83.00 to 98.00m		1	15.00	1.00	1.80	27.00
11th D Main road						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 55.00m		1	25.00	1.00	1.80	45.00
Ch 55.00 to 83.00m		1	28.00	1.00	1.80	50.40
11th C Main road						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 58.00m		1	28.00	1.00	1.80	50.40
Ch 58.00 to 88.00m		1	30.00	1.00	1.80	54.00
Ch 88.00 to 106.00m		1	18.00	1.00	1.80	32.40
4th Cross road						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 57.00m		1	27.00	1.00	1.80	48.60
Ch 57.00 to 87.00m		1	30.00	1.00	1.80	54.00
Ch 87.00 to 117.00m		1	30.00	1.00	1.80	54.00
Ch 117.00 to 125.00m		1	8.00	1.00	1.80	14.40
Sri Shakthi Bhavana to Mahaveer						
CH 0.00 to 30.00m		1	30.00	1.00	1.80	54.00
Ch 30.00 to 60.00m		1	30.00	1.00	1.80	54.00
Ch 60.00 to 68.00m		1	8.00	1.00	1.80	14.40
Repairs of Man holes						
11th Main road		3	0.79	2.25	2.00	10.67
11th D Main road		2	0.79	2.25	2.00	7.11
11th C Main road		2	0.79	2.25	2.00	7.11
4th Cross road		3	0.79	2.25	2.00	10.67
8th mian road AGB Layout		5	0.79	2.25	2.00	17.78
Abbigere village main road infront of Ravi		4	0.79	2.25	2.00	14.22
Anjaneya swamy temple Abbigere village		4	0.79	2.25	2.00	14.22
Abbigere Village Near Govt.School		4	0.79	2.25	2.00	14.22
Pipeline road near Lakshmi Temple		5	0.79	2.25	2.00	17.78
Abbigere village Honi road		3	0.79	2.25	2.00	10.67
Kempegowda Garden		4	0.79	2.25	2.00	14.22
Shastri road Abbigere Village		3	0.79	2.25	2.00	10.67
Thimmaiah Garden		4	0.79	2.25	2.00	14.22
	Cum	**Total Work Done Quantity**				**2175.13**
		Quantity Limited to				**2084.42**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Supply of the 50 HP Tractor on daily rate basis to the required place complete as per thevspecification & as per direction of Engineer-in- charge of the work

February 2022	Nos		40.00			40.00
March 2022			46.00			46.00
April 2022			47.00			47.00
May 2022			47.00			47.00
June 2022			45.00			45.00
July 2022			47.00			47.00
August 2022			46.00			46.00
September 2022			49.00			49.00
October 2022			42.00			42.00
November 2022			47.00			47.00
December 2022			45.00			45.00
January 2023			44.00			44.00
February 2023			8.00			8.00
		TOTAL WORK DONE QTY				553.00
		QTY LIMITED TO				552.00

Executed
3/2/23

Executed

Supply of the Labour Heavy Mazdoor to the required place complete as per specification & as per direction of Engineer-in- charge of the work

February 2022	Month	1	205.00			205.00
March 2022		1	256.00			256.00
April 2022		1	239.00			239.00
May 2022		1	247.00			247.00
June 2022		1	247.00			247.00
July 2022		1	255.00			255.00
August 2022		1	262.00			262.00
September 2022		1	266.00			266.00
October 2022		1	233.00			233.00
November 2022		1	225.00			225.00
December 2022		1	232.00			232.00
January 2023		1	212.00			212.00
February 2023		1	27.00			27.00
		TOTAL WORK DONE QTY				2906.00
		QTY LIMITED TO				2760.00

Executed
3/2/23

Executed

JCB Excavator on Hire basis including JCB Operator with Hilper to carryout the works on Emergency complete as per specification & as per direction of Engineer-in- charge of the work

February 2022	Nos	10				10.00
March 2022		11				11.00
April 2022		10				10.00
May 2022		10				10.00

June 2022		10				10.00
July 2022		11				11.00
August 2022		11				11.00
September 2022		12				12.00
October 2022		12				12.00
November 2022		11				11.00
December 2022		10				10.00
January 2023		8				8.00
February 2023		1				1.00
		TOTAL WORK DONE QTY				127.00
		QTY LIMITED TO				120.00

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shetty Halli Sub Division